Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041923\
Data File : BP014737.D
Acq On : 19 Apr 2023 19:30
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SSTD020678

Quant Time: Apr 20 02:34:08 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041823.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 20 02:32:50 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.152 | 152 | 257210 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.981 | 136 | 1026065 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.787 | 164 | 607707 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.534 | 188 | 1233106 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.604 | 240 | 1130141 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 24.180 | 264 | 1216892 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.487 | 96 | 54330 | 8.395 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.917 | 84 | 375464 | 21.309 | ng/ul | 0.00 |
| 7) Phenol-d5 | 7.287 | 99 | 444404 | 19.983 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.469 | 67 | 277022 | 20.192 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.675 | 132 | 352632 | 21.351 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.852 | 113 | 338470 | 19.523 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 9.322 | 128 | 152612 | 23.736 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 10.052 | 143 | 145483 | 25.053 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.593 | 165 | 336112 | 21.317 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 11.110 | 131 | 483938 | 20.109 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 14.181 | 166 | 970006 | 20.159 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.481 | 160 | 1167996 | 20.945 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.951 | 143 | 151145 | 19.748 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.775 | 176 | 840506 | 20.357 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.881 | 200 | 100615 | 20.163 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.634 | 188 | 1249864 | 20.981 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.845 | 212 | 1388576 | 21.449 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 24.016 | 264 | 1337328 | 21.204 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.523 | 88 | 58460 | 8.364 | ng/uL | 96 |
| 5) Pyridine | 3.934 | 79 | 382921 | 21.661 | ng/ul | 95 |
| 6) Benzaldehyde | 7.281 | 77 | 266924 | 24.266 | ng/ul | 98 |
| 8) Phenol | 7.316 | 94 | 465589 | 20.058 | ng/ul | 99 |
| 10) Bis(2-Chloroethyl)ether | 7.564 | 93 | 378898 | 20.131 | ng/ul | 99 |
| 12) 2-Chlorophenol | 7.711 | 128 | 365146 | 21.143 | ng/ul | 98 |
| 13) 2-Methylphenol | 8.587 | 108 | 345943 | 19.913 | ng/ul | 99 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.687 | 45 | 474405 | 19.742 | ng/ul | 98 |
| 16) Acetophenone | 8.981 | 105 | 588570 | 20.409 | ng/ul | 99 |
| 17) N-Nitroso-di-n-propyla... | 8.963 | 70 | 277286 | 19.769 | ng/ul | 97 |
| 18) 4-Methylphenol | 8.916 | 108 | 370368 | 19.619 | ng/ul | 97 |
| 19) Hexachloroethane | 9.252 | 117 | 151834 | 20.870 | ng/ul | 93 |
| 22) Nitrobenzene | 9.363 | 77 | 396658 | 22.705 | ng/ul | 99 |
| 23) Isophorone | 9.893 | 82 | 785664 | 19.917 | ng/ul | 98 |
| 25) 2-Nitrophenol | 10.081 | 139 | 170860 | 24.771 | ng/ul | 96 |
| 26) 2,4-Dimethylphenol | 10.134 | 107 | 406719 | 21.148 | ng/ul | 99 |
| 27) Bis(2-Chloroethoxy)met... | 10.375 | 93 | 501389 | 20.515 | ng/ul | 100 |
| 29) 2,4-Dichlorophenol | 10.616 | 162 | 338760 | 21.286 | ng/ul | 97 |
| 30) Naphthalene | 11.034 | 128 | 1200284 | 20.873 | ng/ul | 99 |
| 32) 4-Chloroaniline | 11.134 | 127 | 495886 | 20.339 | ng/ul | 98 |
| 33) Hexachlorobutadiene | 11.322 | 225 | 237900 | 21.134 | ng/ul | 97 |
| 34) Caprolactam | 11.893 | 113 | 87085 | 18.071 | ng/ul | 96 |
| 35) 4-Chloro-3-methylphenol | 12.234 | 107 | 339382 | 20.405 | ng/ul | 99 |
| 36) 2-Methylnaphthalene | 12.628 | 142 | 782769 | 20.390 | ng/ul | 100 |

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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 37) 1-Methylnaphthalene | 12.840 | 142 | 770786 | 20.253 | ng/ul | 98 |
| 39) 1,2,4,5-Tetrachloroben... | 12.987 | 216 | 439729 | 21.502 | ng/ul | 98 |
| 40) Hexachlorocyclopentadiene | 12.969 | 237 | 258832 | 22.368 | ng/ul | 97 |
| 41) 2,4,6-Trichlorophenol | 13.216 | 196 | 253643 | 21.897 | ng/ul | 99 |
| 42) 2,4,5-Trichlorophenol | 13.287 | 196 | 281898 | 22.496 | ng/ul | 98 |
| 43) 1,1'-Biphenyl | 13.622 | 154 | 1051693 | 21.342 | ng/ul | 99 |
| 44) 2-Chloronaphthalene | 13.663 | 162 | 818601 | 21.260 | ng/ul | 99 |
| 45) 2-Nitroaniline | 13.857 | 65 | 171352 | 23.508 | ng/ul | 99 |
| 47) Dimethylphthalate | 14.234 | 163 | 977747 | 20.173 | ng/ul | 99 |
| 48) 2,6-Dinitrotoluene | 14.351 | 165 | 156926 | 23.737 | ng/ul | 90 |
| 50) Acenaphthylene | 14.510 | 152 | 1257545 | 20.807 | ng/ul | 99 |
| 51) 3-Nitroaniline | 14.675 | 138 | 165289 | 21.981 | ng/ul | 99 |
| 52) Acenaphthene | 14.845 | 153 | 859564 | 20.859 | ng/ul | 99 |
| 53) 2,4-Dinitrophenol | 14.881 | 184 | 60647 | 18.959 | ng/ul | 92 |
| 55) 4-Nitrophenol | 14.963 | 109 | 125999 | 20.069 | ng/ul | 97 |
| 56) Dibenzofuran | 15.181 | 168 | 1191916 | 20.551 | ng/ul | 97 |
| 57) 2,4-Dinitrotoluene | 15.128 | 165 | 223633 | 23.055 | ng/ul | 99 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.398 | 232 | 222450 | 20.905 | ng/ul | 96 |
| 59) Diethylphthalate | 15.593 | 149 | 934132 | 19.862 | ng/ul | 99 |
| 61) Fluorene | 15.828 | 166 | 983076 | 20.765 | ng/ul | 98 |
| 62) 4-Chlorophenyl-phenyle... | 15.822 | 204 | 496969 | 20.529 | ng/ul | 98 |
| 63) 4-Nitroaniline | 15.834 | 138 | 165866 | 22.069 | ng/ul | 97 |
| 66) 4,6-Dinitro-2-methylph... | 15.893 | 198 | 112945 | 21.260 | ng/ul# | 90 |
| 67) N-Nitrosodiphenylamine | 16.028 | 169 | 795610 | 21.652 | ng/ul | 98 |
| 68) 4-Bromophenyl-phenylether | 16.716 | 248 | 300711 | 21.759 | ng/ul | 98 |
| 69) Hexachlorobenzene | 16.834 | 284 | 336608 | 20.992 | ng/ul | 98 |
| 70) Atrazine | 16.975 | 200 | 265207 | 20.321 | ng/ul | 99 |
| 71) Pentachlorophenol | 17.175 | 266 | 171644 | 19.665 | ng/ul | 98 |
| 72) Phenanthrene | 17.575 | 178 | 1460523 | 21.016 | ng/ul | 99 |
| 74) Anthracene | 17.669 | 178 | 1484752 | 21.074 | ng/ul | 99 |
| 75) 1,2,3,4-Tetrachloroben... | 13.587 | 216 | 443874 | 23.052 | ng/uL | 99 |
| 76) Pentachlorobenzene | 15.098 | 250 | 420963 | 22.165 | ng/uL | 99 |
| 77) Carbazole | 17.928 | 167 | 1275947 | 20.629 | ng/ul | 99 |
| 78) Di-n-butylphthalate | 18.469 | 149 | 1446240 | 20.596 | ng/ul | 99 |
| 80) Fluoranthene | 19.522 | 202 | 1632277 | 21.671 | ng/ul | 99 |
| 82) Pyrene | 19.875 | 202 | 1726676 | 21.663 | ng/ul | 99 |
| 83) Butylbenzylphthalate | 20.733 | 149 | 472090 | 21.696 | ng/ul | 100 |
| 84) 3,3'-Dichlorobenzidine | 21.510 | 252 | 536819 | 21.216 | ng/ul | 99 |
| 85) Benzo(a)anthracene | 21.592 | 228 | 1663552 | 21.176 | ng/ul | 100 |
| 86) Bis(2-ethylhexyl)phtha... | 21.498 | 149 | 778849 | 21.219 | ng/ul | 99 |
| 87) Chrysene | 21.645 | 228 | 1593093 | 21.422 | ng/ul | 99 |
| 89) Di-n-octyl phthalate | 22.480 | 149 | 1241351 | 18.854 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 23.392 | 252 | 1692101 | 21.346 | ng/ul | 100 |
| 91) Benzo(k)fluoranthene | 23.439 | 252 | 1687666 | 21.288 | ng/ul | 100 |
| 93) Benzo(a)pyrene | 24.069 | 252 | 1503491 | 21.356 | ng/ul | 99 |
| 94) Indeno(1,2,3-cd)pyrene | 26.904 | 276 | 1983002 | 21.642 | ng/ul | 100 |
| 95) Dibenzo(a,h)anthracene | 26.921 | 278 | 1663354 | 21.677 | ng/ul | 99 |
| 96) Benzo(g,h,i)perylene | 27.739 | 276 | 1578124 | 21.534 | ng/ul | 99 |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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